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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/461,436 TIME: 11:50:10

Input Set : N:\Crf3\RULE60\09461436.txt Output Set: N:\CRF3\10252001\I461436.raw

## RECEIVED

NOV 0 2 2001

DATE: 10/25/2001

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SEQUENCE LISTING
        (1) GENERAL INFORMATION:
             (i) APPLICANT: Hinuma, Shuji
                                                                             TECH CENTER 1600/2900
      7
                             Hosoya, Masaki
      8
                             Fujii, Ryo
                             Ohtaki, Tetsuya
      9
                             Fukusumi, Shoji
     10
                             Ohgi, Kazuhiro
     11 '
            (ii) TITLE OF INVENTION: G PROTEIN COUPLED RECEPTOR PROTEIN,
     13
                                      PRODUCTION, AND USE THEREOF
     14
           (iii) NUMBER OF SEQUENCES: 380
     16
     18
            (iv) CORRESPONDENCE ADDRESS:
     19
                  (A) ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
                  (B) STREET: 130 Water Street
     20
     21
                  (C) CITY: Boston
                                                                  ENTERED
     22
                  (D) STATE: MA
     23
                  (E) COUNTRY: USA
     24
                  (F) ZIP: 02109
             (V) COMPUTER READABLE FORM:
     26
     27
                  (A) MEDIUM TYPE: Floppy disk
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                  (B) COMPUTER: IBM PC compatible
                  (C) OPERATING SYSTEM: PC-DOS/MS-DOS
     29
                  (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
     30
     32
            (vi) CURRENT APPLICATION DATA:
C--> 33
                  (A) APPLICATION NUMBER: US/09/461,436
                  (B) FILING DATE: 14-Dec-1999
C-->34
                  (C) CLASSIFICATION:
     35
     77
           (vii) PRIOR APPLICATION DATA:
     38
                  (A) APPLICATION NUMBER: 08/513,974
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                  (B) FILING DATE:
                  (A) APPLICATION NUMBER: JP 7-093989
     42
                  (B) FILING DATE: 19-AUG-1995
     43
                  (A) APPLICATION NUMBER: JP 7-057186
     46
                  (B) FILING DATE: 16-MAR-1995
     47
                  (A) APPLICATION NUMBER: JP 7-007177
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                  (B) FILING DATE: 20-JAN-1995
                  (A) APPLICATION NUMBER: JP 6-326611
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                  (B) FILING DATE: 28-DEC-1994
                  (A) APPLICATION NUMBER: JP 6-270017
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                  (B) FILING DATE: 02-NOV-1994
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                  (A) APPLICATION NUMBER: JP 6-236357
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                  (B) FILING DATE: 30-SEP-1994
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(A) APPLICATION NUMBER: JP 6-189274

(A) APPLICATION NUMBER: JP 6-189273

(B) FILING DATE: 11-AUG-1994

70 71

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DATE: 10/25/2001

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81
     (viii) ATTORNEY/AGENT INFORMATION:
82
             (A) NAME: Resnick, David S.
83
             (B) REGISTRATION NUMBER: 34,235
             (C) REFERENCE/DOCKET NUMBER: 45753
84
86
       (ix) TELECOMMUNICATION INFORMATION:
87
             (A) TELEPHONE: 617-523-3400
             (B) TELEFAX: 617-523-6440
91 (2) INFORMATION FOR SEQ ID NO: 1:
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        (i) SEQUENCE CHARACTERISTICS:
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             (A) LENGTH: 25 base pairs
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107 CGTGGSCMTS STGGGCAACN YCCTG
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(ii) MOLECULE TYPE: other nucleic acid

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## RAW SEQUENCE LISTING PATENT APPLICATION: US/09/461,436

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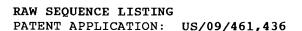
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215 (D) OTHER INFORMATION: N = inosine
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220 CTCGCSGCYM TNRGYATGGA YCGNTAC 27
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(C) STRANDEDNESS: single  (D) TOPOLOGY: linear  (ii) MOLECULE TYPE: other nucleic acid  (A) DESCRIPTION: /desc = "synthetic DNA  (ix) FEATURE:  (D) OTHER INFORMATION: N = inosine  (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:  296 ASNSANRAAG SARTAGANGA NRGGRTT  298 (2) INFORMATION FOR SEQ ID NO: 12:  300 (i) SEQUENCE CHARACTERISTICS:  301 (A) LENGTH: 25 base pairs  302 (B) TYPE: nucleic acid  303 (C) STRANDEDNESS: single  304 (D) TOPOLOGY: linear  306 (ii) MOLECULE TYPE: other nucleic acid  307 (A) DESCRIPTION: /desc = "synthetic DNA	282		(A) LENGTH: 27 base pairs	
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307 (A) DESCRIPTION: /desc = "synthetic DNA				
· · · · · · · · · · · · · · · · · · ·		(ii)		
309 (ix) FEATURE:			- · · ·	
	309	(ix)	FEATURE:	



DATE: 10/25/2001 TIME: 11:50:10

Input Set: N:\Crf3\RULE60\09461436.txt
Output Set: N:\CRF3\10252001\1461436.raw

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(D) OTHER INFORMATION: N = inosine
310
313
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
315 TGNTSSTKMT NGSNGTKGTN GGNAA
                                                                              25
317 (2) INFORMATION FOR SEQ ID NO: 13:
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320
              (A) LENGTH: 25 base pairs
321
              (B) TYPE: nucleic acid
322
              (C) STRANDEDNESS: single
323
              (D) TOPOLOGY: linear
        (ii) MOLECULE TYPE: other nucleic acid
325
              (A) DESCRIPTION: /desc = "synthetic DNA
326
329
        (ix) FEATURE:
330
              (D) OTHER INFORMATION: N = inosine
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332
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334 AYCKGTAYCK GTCCANKGWN ATKGC
336 (2) INFORMATION FOR SEQ ID NO: 14:
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338
339
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340
              (B) TYPE: nucleic acid
              (C) STRANDEDNESS: single
341
342
              (D) TOPOLOGY: linear
        (ii) MOLECULE TYPE: other nucleic acid
344
              (A) DESCRIPTION: /desc = "synthetic DNA
345
348
        (ix) FEATURE:
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349
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
351
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353 CATKKCCSTG GASAGNTAYN TRGC
355 (2) INFORMATION FOR SEQ ID NO: 15:
357
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358
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              (B) TYPE: nucleic acid
360
              (C) STRANDEDNESS: single.
361
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363
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367
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368
              (D) OTHER INFORMATION: N = inosine
370
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372 GWWGGGSAKC CAGCASANGG CRAA
374 (2) INFORMATION FOR SEQ ID NO: 16:
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376
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378
              (B) TYPE: nucleic acid
379
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380
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382
383
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385
        (ix) FEATURE:
386
              (D) OTHER INFORMATION: N at position 6, 9, 10 & 12 = inosine;
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/461,436

DATE: 10/25/2001

TIME: 11:50:11

Input Set : N:\Crf3\RULE60\09461436.txt
Output Set: N:\CRF3\10252001\1461436.raw

L:33 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:34 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:8088 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:343 L:8169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:344